Notice of Allowability	Application No.	Applicant(s)
	10/733,092	FURUKOSHI, YASUTAKE
	Examiner	Art Unit
	Kimnhung Nguyen	2629
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this app or other appropriate communication GHTS. This application is subject to	olication. If not included will be mailed in due course. THIS
1. This communication is responsive to <u>Amendment filed on</u> .	- 10 - 1 0	
2. The allowed claim(s) is/are <u>7-9</u> .		
 3. Acknowledgment is made of a claim for foreign priority una a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	been received. been received in Application No cuments have been received in this i	national stage application from the
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		
4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.		
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") mus (a) ☐ including changes required by the Notice of Draftspers 1) ☐ hereto or 2) ☐ to Paper No./Mail Date (b) ☐ including changes required by the attached Examiner's Paper No./Mail Date	on's Patent Drawing Review (PTO-	ffice action of
Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the		
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.		
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	€ □ Nation of Informal D	otant Application (DTO 152)
Notice of References Cited (P10-692) Notice of Draftperson's Patent Drawing Review (PTO-948)	6. ☐ Interview Summary	atent Application (PTO-152) (PTO-413)
	Paper No./Mail Date	ė,
 Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 12/11/03 □ Examiner's Comment Regarding Requirement for Deposit of Biological Material 	8. ⊠ Examiner's Stateme 9. □ Other	RICHARD HJERPE
		ECHNOLOGY CENTER 2600

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DETAILED ACTION

Reasons For Allowance

- 1. The following is an examiner's statement of reasons for allowance: The present invention is directed to a liquid crystal display device comprising: a liquid crystal display panel having signal lines and scanning lines; a data driver which drives the signal lines; a gate driver which drives the scanning lines; and a timing controller controlling a display timing of image data to be displayed on the liquid crystal display panel, the timing controller comprising: a data enable signal detection circuit which detects a data enable signal applied to the timing controller. The closest prior art of Yamaguchi (US 6,329,975) shows a similar invention, however, he fails to teach a timing generating circuit which controls the display timing on the basis of the data enable signal detected by the data enable signal detection circuit, said start timing of display being independent of horizontal and vertical synchronizing signals externally supplied, said liquid crystal display device having only a display timing control mode in which the display timing is responsive to the data enable signal, without having another display timing control mode in which the display timing is independent of the data enable signal as claim 7.
- 2. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Correspondence

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimnhung Nguyen whose telephone number is (571) 272-7698. The examiner can normally be reached on MON-FRI, FROM 8:30 AM-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Hjerpe can be reached on (571) 272-7691. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kimnhung Nguyen April 20, 2006

SUPERVISORY PATENT EXAMINER